

## UL-Series - UL489 Miniature Molded Case Circuit Breaker - 2 pole D-Trip - DC



E329510

Two Pole



Standard Pack: 6

Weight:

0.3-32A:

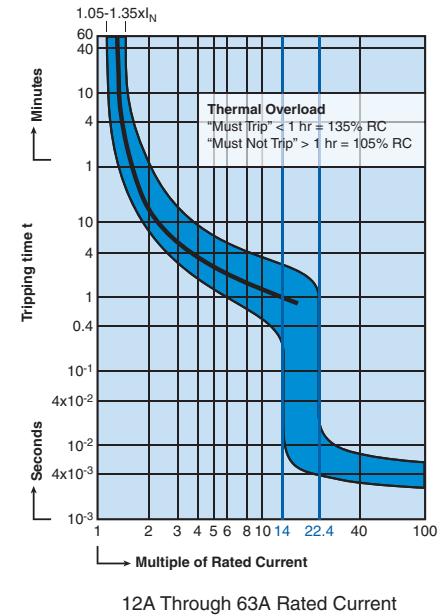
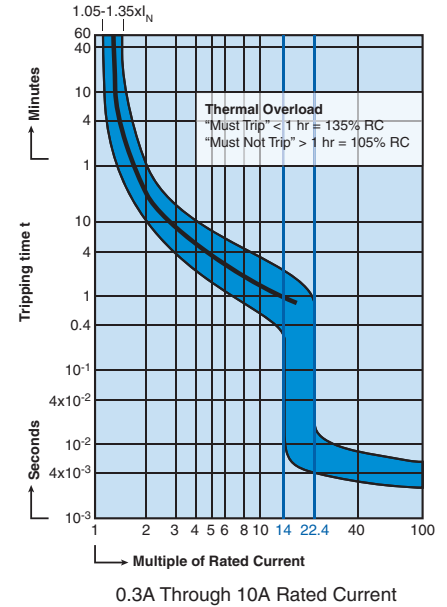
1.74kg (3.83lb.)

40-63A:

1.98kg (4.37lb.)

| Rated Current | Type/ Cat. No. | Rated Voltage |
|---------------|----------------|---------------|
| 0.3A          | 2D03DL         | 250V DC       |
| 0.5A          | 2D05DL         | 250V DC       |
| 1.0A          | 2D1DL          | 250V DC       |
| 1.6A          | 2D1.6DL        | 250V DC       |
| 2.0A          | 2D2DL          | 250V DC       |
| 3.0A          | 2D3DL          | 250V DC       |
| 4.0A          | 2D4DL          | 250V DC       |
| 5.0A          | 2D5DL          | 250V DC       |
| 6.0A          | 2D6DL          | 250V DC       |
| 8.0A          | 2D8DL          | 250V DC       |
| 10A           | 2D10DL         | 250V DC       |
| 12A           | 2D12DL         | 250V DC       |
| 13A           | 2D13DL         | 250V DC       |
| 15A           | 2D15DL         | 250V DC       |
| 16A           | 2D16DL         | 250V DC       |
| 20A           | 2D20DL         | 250V DC       |
| 25A           | 2D25DL         | 250V DC       |
| 30A           | 2D30DL         | 250V DC       |
| 32A           | 2D32DL         | 250V DC       |
| 40A           | 2D40DL         | 250V DC       |
| 50A           | 2D50DL         | 250V DC       |
| 60A           | 2D60DL         | 250V DC       |
| 63A           | 2D63DL         | 250V DC       |

|                                 |                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------|
| Current/ Voltage Rating         | 0.3 - 63A/ 250V DC                                                                 |
| Calibration Temperature         | 40°C (104°F)                                                                       |
| Ambient Temperature             | -25°C to +55°C (-13°F to 131°F)                                                    |
| Storage Temperature             | -40°C to +70°C (-40°F to 158°F)                                                    |
| Terminal Torque (min/max)       | 2 Nm (17.7 lb.in.) / 2.5Nm (22.2 lb.in)                                            |
| Electrical Life                 | 6000 switching cycles ON/ OFF                                                      |
| Mechanical Life                 | 10000 switching cycles ON/ OFF                                                     |
| Vibration Resistance            | > 15g according to DIN EN 60069-2-59 during a load<br>with $I_1 = 1.05 \times I_N$ |
| Resistance to mechanical shocks | 25g @ 11ms                                                                         |



### "D" Magnetic Trip Parameters

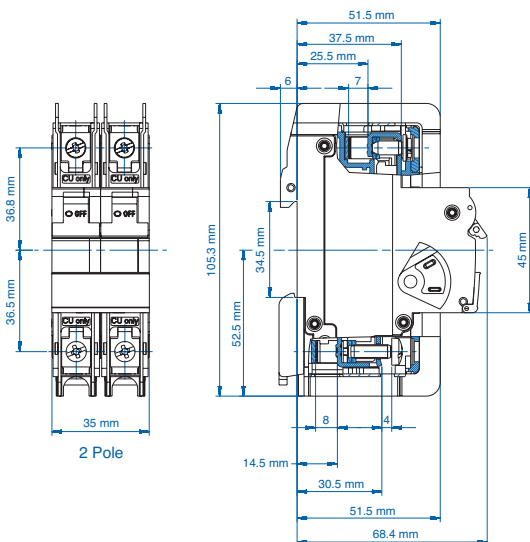
Rated current 0.3A to 63A.

1. Hold for a minimum of 100ms at surge of 14 times rated current.
2. Trip in under 100ms at 22.4 times rated current.

### Short Circuit Interrupting Capacity

DC

| No. Poles | Type | 0.3-32A     | 40-63A      |
|-----------|------|-------------|-------------|
| 2         | DC   | 10kA @ 250V | 10kA @ 250V |



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